

INITIAL FIRE SAFETY INSPECTION REPORT

Multifabs Ltd (New Building)

RSC ID: 24023

Kashimpur, Nayapara, Gazipur

Other Factories: None



Inspected By: Pantha Pallob Das & Nainin Nowrose

Date: 01 Dec 2020

Fire Safety Inspection Report

Factory Name: Multifabs Ltd (New Building)

Summary:

Multifabs Ltd (New Building) complex was surveyed for fire safety on **01/12/2020** by The RSC Inspection Team. The purpose of the survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections. Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for approval.

Findings & Recommendations :

The following "Table" summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue. An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for approval.

Table:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The exit stair enclosures are not separated from work areas and other spaces on each floor by fire-rated construction due to unprotected door openings.	Provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, positive latching and that they are provided with fire exit (panic) hardware where serving production floors. Ensure the listing of fire rated doors by providing required documents If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 03 Months



F-2	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in the exit enclosure walls (full thickness of the wall) by fire rated materials to maintain the fire resistance rating.	Within 03 Months
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F-3	Fire Rated Construction	Exit stairs discharge inside the building.	Specify appropriate upgrade based on conditions: - Modify stair to discharge directly outside. - Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).	Within 3 months
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F-4	Fire Detection and Alarm System	The fire detection and alarm system is antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design Submission within 1 month & installation within 5 months.
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F-5	ITM of Fire Alarm & Detection system (FADS)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 1 month after installation.
F-6	Fire Protection System	The existing high-rise building with an occupiable floor greater than 23 m (75 ft) above the finished grade is not protected with an approved automatic sprinkler system.	Provide an automatic sprinkler protection along with class-I standpipe system throughout the building in accordance with NFPA 13,14,20,22 and 24.	Within 01 Month (Design submission) & 5 Months (Installation)
F-7	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the automatic sprinkler system is not in accordance with NFPA 25.	Inspect, test and maintain the automatic sprinkler system and keep written records on-site, in accordance with NFPA 25.	Within 01 month(After complete installation)

F-8	Means of Egress	Sliding door was found in one exit.	Replace a sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
				

F-9	Means of Egress	Non-compliant locking feature was noted in one exit.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediately
				